DEC-10-2004 11:23 HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400

ATTORNEY DOCKET NO. 10013444 -1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Identification Of Stale Entries In A Computer Cache

inventor(s):

David Jerome Johnson et al

Confirmation No.: 1931

Application No.: 10/001594

Examiner: Chace, Christian

Filing Date:

Title:

Oct 31, 2001

Group Art Unit: 2187

Mail Stop Amendment Commissioner for Patents

CENTRAL FAX CENTER

PO Box 1450 Alexendria, VA 22313-1450

DEC 1 0 2004

This Information Disclosure Statement is submitted:

under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

INFORMATION DISCLOSURE STATEMENT

- () under 37 CFR 1.97 (c) together with either a:
 - () Statement under 37 CFR 1.97(e), or
 - () a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- (x) under 37 CFR 1.97 (d) together with a:
 - (X) Statement under 37 CFR 1.97(e)(1) or (2), and
 - (X) a \$180.00 fee set forth in 37 CFR 1.17(p).
 - (Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$180.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

- Applicant(s) submit herewith Form PTO 1449 Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.
- () A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.58 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

(I hereby certify that this correspondence is being
	deposited with the United States Postal Service
	as first class mail in an envelope addressed to:
	Commissioner for Patents, Alexandria, VA
	22313-1450. Date of Deposit:
	OR

Respectfully submitted, David Jerome Johnson et al

(X) I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number 703-872-9306 on Number of pages:

Augustus W Winfield

Attorney/Agent for Applicant(s) Reg. No. 34,046

Typed Name:Donna M Kraft

Date: Dec. 9 , 2004

DEC-10-2004 11:24 HEWLETT PACKARD LGL FCOLL NEWLETT-PACKARD COMPANY 970 898 7247 P.02

RECEIVED CENTRAL FAX CENTER

DEC 1 0 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):

P. O. Box 272400

David Jerome Johnson et al

Confirmation No.: 1931

Application No.: 10/001594

Intellectual Property Administration

Fort Collins, Colorado 80527-2400

Examiner: Chace, Christian

Group Art Unit: 2187

Filing Date:

Oct 31, 2001

Title:

Identification Of Stale Entries In A Computer Cache

Mail Stop Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

STATEMENT UNDER 37 CFR 1.97(e)

Sir:

The undersigned hereby certifies that either:

- (X) Each item of information contained in the information Disclosure Statement was cited for the first time in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement, or
- () No item of information contained in the Information Disclosure Statement -
 - -- was cited in a communication from a foreign patent office in a counterpart foreign application, and
 - -- to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 CFR 1.58 (c) more than three months prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

David Jerome Johnson et al

Augustus W Winfield

Attorney/Agent for Applicant(s)

Reg. No. 34,046

Date: Dec. 9, 2004

Telephone No.: (970) 898-3142

Examiner

PTO/S8/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

	U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMME to respond to a collection of information uriess it contains a verild OMB control nur Complete if Known		
Substitute for form 1449/PTO	Application Number	10/001.594	
INCORMATION DIDGE COURT	Filing Date	10/31/2001	
INFORMATION DISCLOSURE	First Named Inventor	David Jerome Johnson	
STATEMENT BY APPLICANT	Art Unit	2187	
(Use as many sheets as necessary)	Examiner Name	Chace, Christian	
oot 1 of 12	Attorney Docket Number	110013444-1	

U. S. PATENT DOCUMENTS					
Examber Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Oiled Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (Finous)}		·	Figures Appear
		US-	1		
		US-			
		US-	1		
		ŪS-			
		US-			
	İ	US-			
		US-		,	
		US-			
		US-			
		U\$-			
		US-		· · · · · · · · · · · · · · · · · · ·	
		US-			-
	\Box	us-	1		İ
-		uś-	1		
	-	US-			
		US-	1	· · · · · · · · · · · · · · · · · · ·	1

		FOREIGN	N PATENT DOCL	MENTS		
Examiner Inttlala*	City No.	Foreign Patent Document	Publication Data MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	۳
		FR 2 795 196	12/22/2000	Comment, Alain		
						Ļ
						Щ
		<u> </u>	.1	l	<u></u>	Ш

[&]quot;EXAMINES: initial if reference considered, whether or not distion is in conformance with MPEP 609. Draw the through distalon if not in conformance and not considered, include copy of this form with next communication to applicant, "Applicant's unique disting designation number (optional), "See Kinds Codes of USPTO Patent Documents at https://www.uspco.com or MPEP 901.04, "Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). "For Japanese patent document, the hidration of the year of the refine of the Emphoris must precede the settlember of the patent document. "Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST.16 if possible." Applicant is to place a check mark here if English language

Date Considered

Translation is attached.
This collection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an apptication. Confidentistic is governed by 38 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting this completed application form to the USPTO. Time will very depending upon this individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Palent and Trademark Officer, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patants, P.O. Box 41450, Alexandria, VA 2231-31450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/098 (08-03) Approved for use through 07/31/2008, OMB 0651-0031

U.S. Pateril and Tradamerk Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO Application Number 10/001,594 Filing Date INFORMATION DISCLOSURE 10/31/2001 First Named Inventor STATEMENT BY APPLICANT David Jerome Johnson Art Unit 2187 (Use as many sheets as necessary) Examiner Name Chace, Christian Attorney Docket Number Sheet 2 10013444-1 12 of

		NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magezine, Journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
		DEVILLE, Y. (Dec. 1, 1990) A low-cost usage-based replacement algorithm for cache memories. Computer Architecture News, New York US		
		Search Report dated Oct. 14, 2004		
		·		
-				
			Г	

Examiner	Date
Signature	Considered

EXAMINER: Initial if reference considered, whether or not cluston is in conformance with MPEP 609. Draw line through cliption if not in conformance and not

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.

[&]quot;EXAMINER: Initial if reference considered, washer or not claims is in conformation with MPEP Stip. Drawline introduction in not in conformation and not considered. The voluce copy of the form with next communication to epiptical to be provided by the form with next communication to provide by a property of the provided by the form with next conformation in required by 37 CFR 1.94. This collection of information is required by 37 CFR 1.94. This projection is required by 50 CFR 1.14. This collection is estimated to take 2 hours to complete, including advanting, preparing, and submitting the completed application form to the USPTO. This will very depending upon the infertively decay. Any comments on this amount of time you require to complete instead and/or suggestions for reducing this burden, should be sent to the Child Information Officer, U.S. Patient and Trademark Office, P.O. Box 1459, Alexandric, V.Z. 231-1459. DO NOT SEND FEES FOR COMPLETE ORIGINS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.